Index of Claims



Application/Control No.

10/757,267 Examiner

Date

Jessica T. Stultz

Applicant(s)/Patent under Reexamination

KUMAR ET AL.

Art Unit

2873

| <b>√</b> | Rejected |
|----------|----------|
| _        | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

Claim

| Ν | Non-Elected  |
|---|--------------|
|   | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla   | im   | Date             |          |          |          |            |              |  |                    |  |  |  |
|-------|--|------------------|----------|----------|----------|------------|--------------|--|--------------------|--|--|--|
|       |  |                  |          |          |          |            |              |  | Г                  | П  |  |  |
| -     | Original   | 3/21/05          |          |          |          |            |              |  |                    |  |  |  |
| Final | Ē  | 21               |          |          |          |            |              |  |                    |  |  |  |
| ш.    | ō  | 3                |          |          |          |            |              |  |                    | l  |  |  |
|       |  | L                |          |          |          | _          | Ш            |  | <u> </u>           | _  |  |  |
|       | 1<br>2<br>3<br>4<br>5<br>6<br>7                    | +                |          |          |          |            | Ш            |  | lacksquare         |  |  |  |
|       | 2  | Ш                |          |          |          |            |              |  |                    |  |  |  |
|       | 3  |                  |          |          |          |            | 1            |  | _                  |  |  |  |
|       | 4  | П                |          |          |          |            |              |  |                    |  |  |  |
|       | 5  | П                |          |          |          |            |              |  | _                  |  |  |  |
|       | 6  | T                |          |          |          |            |              |  | $\vdash$           |  |  |  |
|       | 7  |                  |          |          |          |            |              |  | Η-                 | $\vdash$   |  |  |
|       | 8  | Н                | $\vdash$ |          |          |            |              |  | -                  | ┝  |  |  |
|       | 9  | H                | -        | -        |          | $\vdash$   |              |  |                    |  |  |  |
|       | 40   | H                | _        |          | _        | _          |              |  | ├                  | <del> </del>                                     |  |  |
|       | 10   | H                | _        |          | _        |            |              | _  | <u> </u> _         | _  |  |  |
|       | 11   | 1                |          |          | <u> </u> |            |              |  | <u> </u>           | <u> </u>   |  |  |
|       | 12   | Ш                | _        | _        | _        | lacksquare |              |  | <u> </u>           | _  |  |  |
|       | 13   | Ш                |          |          | L        | $\Box$     |              |  |                    |  |  |  |
|       | 14   | ١T               |          | _        | _        |            |              |  | _                  | _  |  |  |
|       | 15   | П                |          |          |          |            |              |  |                    |  |  |  |
|       | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 | П                |          |          |          | Г          |              |  | l —                | Г  |  |  |
|       | 17   | H                |          | _        | _        | -          | _            |  | $\vdash$           | _  |  |  |
|       | 18   | ╁┼               | $\vdash$ | -        |          | $\vdash$   |              |  |                    |  |  |  |
|       | 10   | ╁                |          | -        | -        | -          | _            | -  | ┝                  | -  |  |  |
|       | 19   | ₽                |          |          | <u> </u> | -          |              | _  | <u> </u>           | <u> </u>   |  |  |
|       | 20   | $\vdash$         |          | _        | <u> </u> |            |              | _  |                    | _  |  |  |
|       | 21   | Ш                |          | _        | <u></u>  |            |              | _  | _                  | _  |  |  |
|       | 22   | Ш                |          |          | <u> </u> | _          |              |  |                    |  |  |  |
|       | 20<br>21<br>22<br>23<br>24<br>25<br>26<br>27       | Ш                |          | _        | L        |            |              |  |                    |  |  |  |
|       | 24   | L                |          |          |          |            |              |  |                    |  |  |  |
|       | 25   | IT               |          |          |          |            |              |  |                    |  |  |  |
|       | 26   | $\Pi$            |          |          |          |            |              |  |                    |  |  |  |
|       | 27   | П                |          |          |          |            |              |  |                    |  |  |  |
|       | 28   | 1                |          | 1        | <u> </u> | _          |              |  |                    | _  |  |  |
|       | 28<br>29   | ╫╴               | ┢        | ┝        | ┢        | -          | -            | _  |                    | -  |  |  |
|       | 20   | ⊬                | ⊢        | ┝        | ├        | -          | Н            | -  | ⊢                  | $\vdash$   |  |  |
|       | 30<br>31   | ╫                | ┝        | ⊢        | -        | ⊢          |              |  | $\vdash$           | ⊢  |  |  |
|       | 31   | #                | $\vdash$ | $\vdash$ | <u> </u> | $\vdash$   | H            | <u> </u>   | <u> </u>           | <u> </u>   |  |  |
|       | 32   | Щ.               | <u> </u> | <u> </u> |          | <u> </u>   |              | <u> </u>   | <u> </u>           | <u> </u>   |  |  |
|       | 33   | Щ                | <u> </u> |          |          | <u> </u>   |              | L  | Щ                  | _  |  |  |
|       | 33<br>34<br>35                                     | Ш                | L        | L        | L        | L          |              |  | $oxedsymbol{oxed}$ | $oxed{oxed}$                                     |  |  |
|       | 35   | $\prod$          |          | L        |          |            |              | L  |                    |  |  |  |
|       | 36   | П                | Г        | П        |          | Π          |              |  | Γ                  | Π  |  |  |
|       | 37   | П                | Г        | П        |          |            |              |  | Г                  | Г  |  |  |
|       | 38   | 廾                | ┢        | $\vdash$ |          | $\vdash$   |              |  | $\vdash$           |  |  |  |
|       | 39   | +                | $\vdash$ |          | $\vdash$ | Н          | $\vdash$     | <del>                                     </del> | $\vdash$           | <del>                                     </del> |  |  |
|       | 40   | Н                | -        | -        | $\vdash$ | -          | <del> </del> | $\vdash$   | $\vdash$           | $\vdash$   |  |  |
|       |  | <del>    -</del> |          | ⊢        | $\vdash$ |            | $\vdash$     |  | $\vdash$           | $\vdash$   |  |  |
| ļ     | 41   | +                | <u> </u> |          |          |            | ├            | <u> </u>   | <u> </u>           | -  |  |  |
|       | 42   | 11               | <u> </u> | <u> </u> | <u> </u> | <u> </u>   | <u> </u>     |  | <u> </u>           | <u> </u>   |  |  |
|       | 43   | Ш                | _        | _        | _        |            | <u> </u>     |  | _                  |  |  |  |
|       | 44   | Ц                |          |          |          |            |              |  |                    |  |  |  |
|       | 45   |                  |          |          |          |            |              |  |                    |  |  |  |
|       | 46   | $\Box$           |          |          |          |            |              |  |                    |  |  |  |
|       | 47   | $\sqcap$         | Τ        | П        | Γ        |            |              |  | П                  |  |  |  |
|       | 48   | Н                |          | T        | Т        | T          | $\vdash$     |  | $\vdash$           | $\vdash$   |  |  |
|       | 49   | Н                | $\vdash$ | $\vdash$ |          | $\vdash$   | $\vdash$     | $\vdash$   | t                  | $\vdash$   |  |  |
|       | 50   | <del>' '</del>   | $\vdash$ |          |          | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$           | $\vdash$   |  |  |

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|----------|-------------|----------|--------------|----------|--|----------|------------|--------------|--------------|----------|----|-------|----------|----------|----------|--|----------|--|--------------|----------|--|-----------|
|          | Original    | 3/21/05  |              |          |  |          |            |              |              |          |    | Final | Original | 3/21/05  |          |  |          |  |              |          |  |           |
|          | 1           | +        | Ī            |          | Г  |          |            |              |              |          | l  |       | 51       | ÷        |          |  |          |  |              |          |  |           |
| 7        | 2           | П        | T            | $\vdash$ | Н  |          | Н          |              | $\vdash$     |          | li |       | 51<br>52 | Т        |          |  | _        | _  |              | $\vdash$ |  | П         |
| -        | -2          | Н        | ╁            | $\vdash$ | H  | H        | Н          |              | -            |          |    |       | 53       | Н        | -        |  | _        |  |              | $\vdash$ | $\vdash$   | Н         |
| -        | 3<br>4<br>5 | H        | ⊢            | ⊢        | $\vdash$   |          | H          |              | ⊢            | Н        |    |       | 53       | Н-       | -        | -  | _        | _  | _            | _        | _  | Н         |
| 4        | 4           | Н-       | _            | ┝        |  | _        | <u> </u>   |              |              |          |    |       | 54       | ₩        |          | -  | _        |  | _            | ⊢        | _  | Н         |
| 4        |             | Ц.       | _            | <u> </u> | $\vdash$   | _        | <u> </u>   |              | <u> </u>     | _        |    |       | 55       | Щ.       |          | <u> </u>   |          |  | _            | <u> </u> | _  | Н         |
| _        | 7           | Ц        |              |          |  | _        | lacksquare |              | <u> </u>     | _        | li |       | 56<br>57 | 1        | _        |  |          |  | $oxed{oxed}$ |          |  | Ш         |
|          |             | Ш        |              |          |  |          |            |              |              |          |    |       | 57       | Ш        |          |  |          |  |              |          |  | Ш         |
|          | 8           | Ш        |              |          |  |          |            |              | l            |          |    |       | 58       | Ш        |          |  |          |  |              |          |  | Ш         |
|          | 9           | П        |              |          |  |          |            |              |              |          |    |       | 59       |          |          |  |          |  |              |          |  |           |
| ٦        | 9<br>10     | П        |              |          |  |          |            |              |              |          |    |       | 59<br>60 | П        |          |  |          |  |              |          |  | П         |
|          | 11          | П        |              |          |  |          |            |              |              |          | i  |       | 61       | П        |          |  |          |  |              |          |  | П         |
| ┪        | 12          | $\top$   | _            | _        |  | _        |            |              | $\vdash$     | $\vdash$ |    |       | 62       | H        |          |  |          | _  | $\vdash$     |          | $\vdash$   | П         |
| ┪        | 12<br>13    | 1        | $\vdash$     | _        | -  | $\vdash$ |            |              | $\vdash$     |          | i  |       | 63       | H        | _        |  | _        |  | -            | -        | -  | П         |
| -        | 14          | H        | -            | -        | -  | $\vdash$ |            | -            |              | _        |    |       | 64       | ╫        | _        |  | ┢        | 一  | 一            | $\vdash$ | $\vdash$   | Н         |
| ┨        | 14<br>15    | Н        | -            | $\vdash$ | $\vdash$   | $\vdash$ |            |              | $\vdash$     | $\vdash$ |    |       | 65       | ╫        | $\vdash$ |  | $\vdash$ | $\vdash$   | $\vdash$     |          |  | Н         |
| -        | 16          | Н        | $\vdash$     | $\vdash$ |  | -        |            |              |              | -        |    |       | 66       | Н        | -        | -  | -        | $\vdash$   | ┢            |          | -  | $\vdash$  |
| 4        | 16<br>17    | Н        | <del> </del> | -        |  |          | _          | ⊢            | <del> </del> | -        |    |       | 67       | ₩        | _        | ┢  | <u> </u> | ├—   | ├—           |          | <del> </del>                                     | $\vdash$  |
| -        | -1/-        | ₽        | 1            | -        | -  | <u> </u> | -          | ├            | -            | 1        |    |       | 67       | ₩        | -        | <del> </del>                                     | _        | <u> </u>   | -            | ┝        | -  | Н         |
| 4        | 18          | H        | Ļ            | _        | _  | _        | _          | _            | <u> </u>     | _        | ļ  |       | 68       | Н-       | —        | <u> </u>   | -        | <u> </u>   | L            | <u> </u> | ⊢  | Н         |
| 4        | 19          | Н        | _            | _        | _  |          |            | _            | _            | _        | '  |       | 69       | Щ.       | _        | _  | _        | <u> </u>   | _            | _        | <u>                                     </u>     | Ш         |
| 4        | 20          | Ш        | _            | _        | _  | <u> </u> |            | <u> </u>     |              |          | 1  |       | 70       | Ц_       | <u> </u> | _  |          | <u></u>  | _            | _        |  | $\square$ |
| _        | 21          | Ш        |              |          | <u> </u>   | 1_       |            | _            | L            | L_       |    |       | 71       | Щ        | _        |  |          |  | _            | _        | _  |           |
|          | 22          |          |              |          | <u> </u>   | _        |            |              |              |          |    |       | 72       | Ш        |          | _  | _        |  |              |          |  | Ш         |
|          | 23          | П        |              |          |  |          |            |              |              |          |    |       | 73       |          | l        |  |          |  |              |          |  |           |
| $\neg$   | 24          | П        | Π            |          | Π  |          | Π          |              |              |          |    |       | 74       | П        |          |  |          |  |              |          |  |           |
|          | 25<br>26    | Т        |              |          |  |          | Г          |              |              |          | 1  |       | 75<br>76 | ΙТ       |          |  |          |  |              |          |  |           |
|          | 26          | T        | T            |          |  |          |            | T            |              |          |    |       | 76       | II       | _        |  |          |  |              |          |  | П         |
|          | 27          | Ħ        | 1            |          |  |          | T          | _            | _            |          | 1  |       | 77       | 1        |          |  |          |  |              |          |  | П         |
| ┪        | 28          | H        |              | -        | ┢  | -        | -          | _            | _            | _        | 1  |       | 78       | #        | -        | ┢  |          | 1  | _            | -        | _  | Н         |
| -        | 28<br>29    | ╫╴       | ╁            | -        | ┢  | ├─       | -          | -            |              | -        | 1  |       | 79       | ╫        | $\vdash$ |  |          | -  | $\vdash$     | $\vdash$ |  | Н         |
| ᅱ        | 30          | ╫╴       | ╁            | ┢        | ├  | -        | ┢          | ┝            | $\vdash$     | $\vdash$ | 1  |       | 80       | ╫        |          | ┝  | -        | -  |              | $\vdash$ | $\vdash$   | Н         |
| -        | 30          | ╫╌       | ╁            | -        | ├  |          | $\vdash$   |              | $\vdash$     | ⊢        | 1  |       | 00       | ₩        | -        | -  |          | -  | $\vdash$     | $\vdash$ | ⊢  | Н         |
| 4        | 31          | #        | ⊢            | L        | ⊢  |          | ⊢          | -            | -            | -        |    |       | 81       | ₩        | _        | <u> </u>   | _        | _  | -            | $\vdash$ | <del>                                     </del> | Н         |
| 4        | 32          | 11       |              | ┝        | _  | <u> </u> |            | <u> </u>     | <u> </u>     | <u> </u> |    |       | 82       | H        |          | -  |          | _  | ⊢            |          | <b> </b>   | Н         |
| _        | 33          | Щ.       | ↓_           |          | _  | <u> </u> | _          | _            | ╙            | _        |    |       | 83       | Ш        | <u> </u> | <u> </u>   | _        |  | <u> </u>     | L        | <u> </u>   | Н         |
|          | 34          | 11       | 丄            |          | L  | _        | ┖          | _            | 匚            | _        |    |       | 84       | Щ        |          | <u> </u>   | <u> </u> | _  | _            | L        | _  | Ш         |
|          | 35          | Ц        | 辶            | 匚        | 匚  | <u>_</u> |            | <u></u>      | <u></u>      | <u> </u> |    |       | 85       | Ш        |          | _  | _        | _  | _            | L        | _  | Ш         |
|          | 36          | Ш        |              |          |  |          |            |              |              |          |    |       | 86       | Ш        |          |  | <u> </u> | L  |              |          |  |           |
| _        | 36<br>37    | $\prod$  |              |          |  |          |            |              |              | $\Box$   |    |       | 86<br>87 | $\prod$  | L        | L  |          | L  | L            | L        | L  |           |
|          | 38          | П        |              |          |  |          |            |              |              |          | ]  |       | 88       |          |          |  |          |  |              |          |  |           |
|          | 39          | П        | Г            |          |  | П        |            |              |              |          |    |       | 89       | П        | Г        |  | Γ        | Г  | Π            | Γ        |  |           |
| 7        | 40          | IT       | Γ            |          | Г  | 1        | Π          |              | П            | П        | 1  |       | 90       | Π        | Г        | Π  |          |  | Г            | _        |  | П         |
| ┪        | 41          | #        | 1-           | Т        | Т  |          | T          |              |              |          | 1  |       | 91       | T        | Ι_       | <del>                                     </del> |          | $\vdash$   | 1            | Т        |  | П         |
| ┪        | 42          | Н        | t            | Н        | <u> </u>   | 1        | $\vdash$   | _            | $\vdash$     |          | 1  |       | 92       | Н        | H        |  |          | $\vdash$   | $\vdash$     |          | $\vdash$   | Н         |
| +        | 43          | +        | $\vdash$     | 1        | <del>                                     </del> | 1        | $\vdash$   |              |              | 1        | 1  |       | 93       | $\vdash$ | _        | -  | _        | <del>                                     </del> | <u> </u>     | -        | <del>                                     </del> | $\vdash$  |
| $\dashv$ | 43          | +        | $\vdash$     | $\vdash$ | $\vdash$   | -        | $\vdash$   | -            |              |          |    |       | 94       | H        | -        | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$     |          | -  | $\vdash$  |
| -        |             | +        | $\vdash$     |          | -  |          |            | -            | -            | -        |    | -     |          | H        |          |  |          | -  | -            |          | -  | $\vdash$  |
| 4        | 45          | 1        | -            | -        | -  | -        | -          | -            | $\vdash$     | -        |    |       | 95       | H        | -        | -  | -        | -  | -            | -        | -  | H         |
| 4        | 46          | ⊢        | 1-           | ⊢        | $\vdash$   | $\vdash$ | <u> </u>   | <del> </del> | ⊢            | ₩        | _  |       | 96       | ₩        | $\vdash$ | $\vdash$   | $\vdash$ | ⊢  | $\vdash$     | $\vdash$ | ⊢  | $\vdash$  |
| 4        | 47          |          | <b>I</b>     | ⊢        | <u> </u>   | ⊢        | <u> </u>   |              | <u> </u>     | <u> </u> |    |       | 97       | #        | ⊢        | <u> </u>   |          | <u> </u>   | ├            | <u> </u> | <u> </u>   | Ш         |
| _        | 48          | Ш        | 1            | <u> </u> | _  | <u> </u> | <u> </u>   | $\vdash$     | _            | <u> </u> |    |       | 98       | 11       | <u> </u> | <u> </u>   | <u> </u> | <b>—</b>   | <u> </u>     | <u> </u> | <u> </u>   | Ш         |
|          | 49          | $\sqcup$ | $\perp$      |          | _  | $\vdash$ |            | _            | _            | igspace  |    |       | 99       | 1        | <u> </u> | $oxed{oxed}$                                     | <u> </u> | $\vdash$   | L_           | L_       | <u> </u>   | Ш         |
|          | 50          | ÷        | 丄            |          |  | L        |            |              | <u> </u>     | L        | ļ  | L     | 100      | +        |          | L  |          | <u> </u>   | L            | L        | _  |           |
|          |             |          |              |          |  |          |            |              |              |          |    | _     |          |          |          |  |          |  | _            |          |  | _         |

| Cla   | aim   |  |          |  | [             | Date         | •  |          |  |                 |
|-------|---|--|----------|--|---------------|--------------|--|----------|--|-----------------|
| Final | Original  | 3/21/05                                      |          |  |               |              |  |          |  |                 |
|       | 101   | ÷  |          |  |               |              |  |          |  |                 |
|       | 101<br>102  | 1  |          |  |               |              |  |          | $\Box$   |                 |
|       | 103   | П  |          |  |               |              |  |          |  |                 |
|       | 104   |  |          |  |               |              |  |          |  |                 |
|       | 105   |  |          |  |               |              |  |          |  |                 |
|       | 106<br>107  | Ш  |          |  |               |              |  |          |  |                 |
|       | 107   | Щ  |          | _  |               |              |  |          | _  | Ш               |
|       | 108   | Ц  |          | _  |               | _            |  |          | _  | Ш               |
|       | 109   | Н.   | _        |  |               | _            |  |          |  | -               |
|       | 109<br>110<br>111<br>112<br>113<br>114<br>115<br>116<br>117 | H  |          | <del> </del>                                     | <u> </u>      | -            |  | <u> </u> | -  | Н               |
|       | 111   | $\vdash \vdash$                              | <u> </u> | $\vdash$   |               | H            |  |          | L  | Н               |
|       | 112   | $\vdash \vdash$                              | H        | H  | $\vdash$      | H            | $\vdash$   | H        | H  | $\dashv$        |
|       | 113   | $\vdash$                                     | $\vdash$ | $\vdash$   | $\vdash$      | -            | -  | -        | -  | ⊢⊢              |
| -     | 115   | -  | -        | $\vdash$   | <del> -</del> | -            | -  | -        | -  | $\vdash\vdash$  |
|       | 116   | $\vdash$                                     | -        | -  | ┢             | Η            | $\vdash$   | _        | $\vdash$   | $\dashv$        |
|       | 117   | H  |          | ┢  | $\vdash$      | $\vdash$     | $\vdash$   |          |  | $\vdash$        |
|       | 118   | $\vdash$                                     |          |  | $\vdash$      | $\vdash$     |  | _        | <del>                                     </del> | $\vdash$        |
|       | 119   | $\forall$                                    |          | _  | -             | _            | _  |          | _  | Н               |
|       | 120   | 1  |          |  | -             | Г            | -  |          |  | П               |
|       | 121   | 1  |          | Г  |               |              |  |          |  |                 |
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Application/Control No.

10/757,267 Examiner

Jessica T. Stultz

Applicant(s)/Patent under Reexamination

KUMAR ET AL.

Art Unit

2873

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